

AMENDMENT(S) TO THE SPECIFICATION:

Kindly amend paragraph number [0044] as follows:

--[0044] Thus, one embodiment of an AGC controller operates for either a superheterodyne or a direct conversion receiver and sets the gain of the first—the pre-filter—section that is coupled to the antenna subsystem according to the measure of the pre-filter signal ~~quality~~ strength, and sets the gain of the next—the post filter—section according to the measure of the post-filter signal strength relative to the pre-filter signal strength, e.g., the difference of the pre and post-filter strengths when both are in a logarithmic scale. These two sections' gains may be set simultaneously, and bring the output into the range of the analog-to-digital converter or converters. If there is a third section, the gain of the third section may now be set according to the signal strength measure obtained from the samples after analog-to-digital conversion.

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